

(INFORMATION WILL BE TREATED AS CONFIDENTIAL)

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| SECTION I | MATERIAL IDENTIFICATION | NAME: Product 242 | PART NO. 242 |
| MANUFACTURER'S NAME | | Loctite Corporation (Grade N) | EMERGENCY TELEPHONE NO. (203) 278-1280 X429 |
| ADDRESS (Number, Street, City, State, Zip Code) 705 N. Mountain Rd., Newington, CT 06111 | | | |

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|----------------------------|-------------------------|
| CHEMICAL NAME AND SYNONYMS | TRADE NAME AND SYNONYMS |
| CHEMICAL FAMILY | FORMULA NUMBER |

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| SECTION II | CHEMICAL AND PHYSICAL PROPERTIES (USE ADDITIONAL SHEETS IF NECESSARY) | | |
| MOLECULAR WT | BOILING POINT 300 °F | MELTING POINT | SPECIFIC GRAVITY (Water = 1) OR BULK DENSITY 1.1 • 75 °F |
| VAPOR DENSITY (Air = 1) | VAPOR PRESSURE (mm Hg) 5 • °F | | |
| SOLUBILITY Low | ODOR/APPEARANCE Mild, blue liquid | PH | INDEX OF REFRACTION • °F |
| CORROSIVE ACTION ON MATERIALS (e.g. aluminum, carbon steel, copper, rubber, plastics, etc.) | | | |

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|---|--|--|---|---|---------------------------------------|
| DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO | AIR <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | WATER <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | HEAT <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | STRONG OXIDIZERS <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | POSSIBLE PRODUCTS PRODUCED ON DECOMP. |
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| SECTION III | FLAMMABILITY AND EXPLOSIVE PROPERTIES | | |
| CLOSED CUP FLASH POINT 200 °F | SETAFLASH °F | IF FLASH POINT CHANGES DURING EVAPORATION GIVE DATA | |
| EXPLOSIVE LIMITS (% BY VOL. IN AIR) | LOWER % | UPPER % | SUSCEPTIBILITY TO SPONTANEOUS HEATING <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? | | | FIRE POINT AUTO-IGNITION TEMP °F |
| UNUSUAL FIRE OR EXPLOSIVE HAZARDS | | | SUITABLE EXTINGUISHING AGENTS CO ₂ , Foam, Dry Chemical |
| COMPRESSED GASES NAME | | | YES ROOM TEMPERATURE NO PSI |

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|--|-------------|---|----------------------------|----------|-------|-----------|-------------|-----------|-------------|------------|----------|----------|
| SECTION IV | COMPOSITION | GIVE CHEMICAL NAMES OF COMPONENTS. IT IS IMPORTANT TO KNOW WHETHER ALCOHOL IS METHANOL; AN AROMATIC HYDROCARBON IS BENZENE, A CHLORINATED MATERIAL IS CARBON TETRACHLORIDE. | | | | | | | | | | |
| HAZARDOUS MATERIALS Must include any ingredients which are regulated or otherwise controlled due to their hazardous or toxic nature | | | | | | | | | | | | |
| | | % by Weight | Permissible Exposure Limit | Oxidizer | Toxic | Flammable | Combustible | Corrosive | Radioactive | Sensitizer | Magnetic | Irritant |
| Dialkyl toluidine | | ~1 | U | | X | | | | | | | |
| Organic Hydroperoxide | | ~2 | U | X | | | | | | | | |
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Regulated by and reference number:

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| SECTION V | HEALTH HAZARD DATA |
| PERMISSIBLE EXPOSURE LIMITS | Does not apply. |
| EFFECTS OF OVEREXPOSURE | May cause dermatitis on prolonged contact in sensitive individuals. |

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| EMERGENCY AND FIRST AID PROCEDURES | Skin and Eye Contact: Flush with water. |
| | Ingestion: Keep calm and obtain medical attention. LD ₅₀ > 10,000 mg/kg |

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| SECTION VI | REACTIVITY DATA |
| STABILITY | UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/> |
| CONDITIONS TO AVOID | |
| INCOMPATIBILITY (Materials to Avoid) Will attack some thermoplastics. | |
| HAZARDOUS DECOMPOSITION PRODUCTS | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/> |
| CONDITIONS TO AVOID | |

SECTION VII
SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with shop solvents.

WASTE DISPOSAL METHOD

Standard for water-insoluble, non-toxic chemicals.

SECTION VIII
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

| | | |
|--------------------------------------|----------------------|----------------|
| VENTILATION | LOCAL EXHAUST | SPECIAL |
| | MECHANICAL (general) | OTHER |
| PROTECTIVE GLOVES (type if required) | Recommended | EYE PROTECTION |
| OTHER PROTECTIVE EQUIPMENT | | Recommended |

SECTION IX
SHIPPING REGULATIONS FOR HAZARDOUS MATERIAL

A. IS THE ARTICLE SUBJECT TO SHIPPING REGULATION FOR HAZARDOUS MATERIAL UNDER EACH OF THE FOLLOWING MODES (1)
NOTE: (1), (2), (3), (4), - REFER TO INSTRUCTIONS: MATERIAL SAFETY DATA SECTION IX

| | | | | | | | |
|-------|---|---------|---|---------------|---|---------------|---|
| RAIL | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | BUS | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | PARCEL POST | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | UNITED PARCEL | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| TRUCK | <input type="checkbox"/> <input checked="" type="checkbox"/> | AIR (2) | <input type="checkbox"/> <input checked="" type="checkbox"/> | WATER CARRIER | <input type="checkbox"/> <input checked="" type="checkbox"/> | | |

B. IF ANY MODES IN "A." IS ANSWER "YES", COMPLETE THIS SECTION (IF NECESSARY ATTACH ADDITIONAL DETAIL SHEET)

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| TYPE OR CLASS DESCRIBED IN THE REGULATIONS | | PROPER SHIPPING NAME (TRUE CHEMICAL OR OTHER NAME AS LISTED IN THE REGULATIONS) | |
| TYPE OF PACKING CONTAINER | SIZE OR QUANTITY IN PACKAGE | MAXIMUM QUANTITY OR GROSS WEIGHT LIMITS FOR FOLLOWING MODES | |
| OUTER CONTAINER DESCRIPTION (4) | | RAIL | BUS |
| SPEC. NO. IF PUBLISHED IN REGULATIONS | | TRUCK | PAPARCEL POST |
| | | WATER CARRIER | UNITED PARCEL |
| | | AIR | |
| MAKING REQUIREMENTS FOR OUTER CONTAINER | | LABEL REQUIRED IF NOT EXEMPT | |
| MODE | MARKING | MODE | LABEL |
| <input type="checkbox"/> RAIL | | <input type="checkbox"/> RAIL | |
| <input type="checkbox"/> TRUCK | | <input type="checkbox"/> TRUCK | |
| <input type="checkbox"/> WATER CARRIER | | <input type="checkbox"/> WATER CARRIER | |
| <input type="checkbox"/> AIR | | <input type="checkbox"/> AIR | |
| <input type="checkbox"/> BUS | | <input type="checkbox"/> BUS | |
| <input type="checkbox"/> PARCEL POST | | <input type="checkbox"/> PARCEL POST | |
| <input type="checkbox"/> UNITED PARCEL | | <input type="checkbox"/> UNITED PARCEL | |

C. SHIPPING PAPERS OR /DOCUMENTS INFORMATION (USE ADDITIONAL SHEETS IF NECESSARY FOR DETAILS)

| | |
|--|---|
| CERTIFICATE REQUIRED | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| CHARGED PRESSURE (PSI) _____ | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| SPECIAL STOWAGE REQUIREMENT OR INSTRUCTION FOR CARRIER | <input type="checkbox"/> <input checked="" type="checkbox"/> |

OTHER INFORMATION SUCH AS RESTRICTIONS FOR SHIPMENT VIA CARGO AIRCRAFT ONLY

IF YES, SPECIFY THOSE REQUIREMENT SUCH AS TEMPERATURE LIMITS LOCATION ON CARRIER VEHICLE, EXPOSURE OR STOWAGE WARNING INSTRUCTIONS, ETC.

SECTION X
SPECIAL PRECAUTION & CONCLUSION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store below 110°F to preserve shelf life.

ADDITIONAL SUPPLIER COMMENTS

Avoid prolonged skin contact.

BY Edward S. Kubik

TITLE Section Mgr., Analytical Chemistry

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